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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION

Attorney Docket No. 061607-1400 First Inventor William L. Betts **Embedded Signal Constellations**

IRANSWII IAL														
(Only for new nonprovisional applications under 37 CFR 1 53(b))					Express I	Aail La	ail Label No. EL492180275US						80	
APPLICATION ELEMENTS See MPEP Chapter 600 concerning utility patent application cont					tents	ΑĽ	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231					<u>ğ</u>		
			APPLICANT F	REQUESTS (EARLY PU	BLIC	ATIC	N UNI	DER 37	CFR 1.21	9 (additiona	l fee)		
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)					· -		7.			M or CD-R n (Appendi	in duplicate, x)	large table	or Com	puter
2.	2. Applicant claims small entity status.						8.	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
3.	"	d arrangement :	,	[Total Pages	32	J		a.		Comp	ıter Readabl	e Copy (CF	RF)	
Descriptive title of the invention Cross References to Related Applications Statement Regarding Fed. Sponsored R&D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description						Г		b.	i	Statem	ence Listing CD-ROM or Paper ents verifying	CD-R (2 o	f above c	opies
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4.		(s) (35 USC 113)	[Total Sheets	11	J	10.		(when	here is an a	assignee)	X	Attorney	
5.	Oath or Declaration		original or copy)	[Total Pages	2	J	11. 12.		Informa	tion Disclo		(if applicat	Copies	
	,	opy from a prior	application (37	CFR §1.63(d))						ent (IDS)/P			Citations	5
	b (1	or continuation/	divisional with B	lox 17 complete	ed)		13. 14.		Return		stcard (MPE			
	j. DELETION OF INVENTOR(S) Signed statement attached deleting invento named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				nventor(s)		15. 15.	X	(Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) Request and Certification under 35 U.S.C. 122(b)(2)(B)(I). Applicant must attach form					
6.	X Applicati		.,,,	,,			17.			3/35 or its e		attacii ion	111	
Assignee Paradyne Corporation Name and Address P.O. Box 2826, 8545 126th Avenue, North									-	•				
	(if applicable) If a CONTINUING pplication Data S			propriate box	and supply	the .	requi	site info	ormation	below and	d in a prelin	ninary am	endmen	t, or in
_	Continuation	_	Divisional		Continu	ation	-in-i	oart (C	JP)	of pr	ior applica	ation No	: 1	
Prior application information: Examiner Group / Art Unit:														
For CONTINUATION OR DIVISIONAL APPS only the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.														
				18. CORR	ESPONE	ENG	E A	DDR	ESS					
Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Correspondence address below here)														
NAN	i i	Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P.												
ADD	ADDRESS 100 Galleria Parkway Suite 1750													
Suite 1750 CITY Atlanta STATE Georgia ZIP CODE 30339-5						-5948								
COL	INTRY	U.S.A.	TE	LEPHONE	770-933		00				FAX		51-093	1
Name (Print/Type) Michael J. Tempel Registration No					No. (Atto	rney/Agent) 41,34	14						
Signature				/an/			0	11/25	101	Date				

PTO/SB/17 (11-00)
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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

ž:

Complete If Known					
Application Number	To Be Assigned				
Filing Date	January 26, 2001				
First Named Inventor	William L. Betts				
Examiner Name	To Be Assigned				
Group / Art Unit	To Be Assigned				
Attorney Docket No	061607-1400				

METHOD OF PAYMENT 1.	BADAMOUNT OF PAYMENT		Group / Art Unit To Be Assigned Attorney Docket No. 061607-1400						
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Typed or Printed Name Michael J. Tempel 41,344									
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Index the Departural Pediation Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMR control number

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor	William L. Betts
Title Embedded Signal Constellat	ions
Attorney Docket No.	061607-1400

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

01/25/01

Michael J. Tempel

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: William L. Betts

For: Embedded Signal Constellations

CERTIFICATE OF EXPRESS MAIL

Assistant Commissioner for Patents BOX: Patent Application Washington, D.C. 20231

Sir:

Enclosed for filing in the above case are the following documents:

- Return Postcard
- Utility Patent Application Transmittal Page
- Fee Transmittal Page
- Utility Patent Application Consisting Of:
 - 25 Pages of Specification
 - 6 Pages of Claims
 - 1 Pages of Abstract
 - 11 Pages of Formal Drawings
- Assignment of Utility Patent Application
- Assignment Cover Sheet
- Declaration for Patent Application
- Request and Certification Under 35 U.S.C. 122(b)(2)(B)(I)
- Data Application Data Entry Form
- Authorization to charge Paradyne's deposit account in the amount of \$974.00 for Application and Assignment recording fees.

Further, the Commissioner is authorized to charge Deposit Account No. 16-0255 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 16-0255.

Respectfully submitted,

Michael J. Tempel, Reg. No. 41,344

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

100 Galleria Parkway, N.W.

Suite 1750

Atlanta, Georgia 30339-5948

Our Docket No: 61607-1400



I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL492180275US**.

Date: Manuary 2

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Gløria L. Knox